Detection Of Rabbits Serum Antibody Which Were Immunized By Sarcoptes Scabiei Var. Caprae

Abstrak :

The purpose of this research to detection of serum antibody from rabbits were immunized by whole proteins of Sarcoptes scabiei var.caprae. The methods were performed by isolated mites of S.scabiei var.caprae, isolated proteins from mites extract, immunization of rabbits with whole proteins S.scabiei var.caprae and measurement of optical density antibody level by using indirect ELISA. The result showed that the optical density level of antibody increase until 12.57 time in rabbits were immunized by 200 μg proteins of S.scabiei var.caprae with five booster and two weeks interval. The conclusion of this research that S.scabiei var.caprae proteins can induced humoral immune respond of rabbits with increased optical density antibody level.

Keyword :

Sarcoptes scabiei var.caprae, optical density antibody, ., , ,

Daftar Pustaka :

Abbas AK and Litchman AH. Cellular and Molecular Immunology Elsevier Saunders Inc. 2005 Philadelphia-Pennsylvania, USA